Index of Claims

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Michael P. Ferguson

10/597,727

Examiner

Examiner

Applicant(s)/Patent under Reexamination

LI, XIANGMING

Art Unit

3679

√ Rejected
= Allowed

(Through numeral)
Cancelled

Restricted

Non-Elected

Interference

A Appeal
O Objected

| Cla      | Claim Date |          |          |          |              | - 0.     | Claim     |                 |          | Date     |       |          |          |              |                 |          | -[            | Cla     | aim            | Date     |           |            |               |          |               |           |                |           |          |          |          |          |
|----------|------------|----------|----------|----------|--------------|----------|-----------|-----------------|----------|----------|-------|----------|----------|--------------|-----------------|----------|---------------|---------|----------------|----------|-----------|------------|---------------|----------|---------------|-----------|----------------|-----------|----------|----------|----------|----------|
|          |            | K        |          |          |              | П        |           |                 |          |          |       |          |          |              |                 |          |               |         | $\Gamma$       |          | ٦.        |            |               |          |               | Т         | Т              |           |          |          |          | _        |
| <u> </u> | Original   | B        | 1        |          |              |          |           |                 |          |          |       | <u> </u> | Original |              |                 |          | ľ             |         |                |          | Ī         | - 3        | a             | Original | H             |           |                |           |          |          |          |          |
| Final    | ē,         | 1        | +        |          | Ι.           |          |           |                 |          |          |       | Final    | nig      |              | ll              |          |               |         |                |          | ŀ         | 13         | Final         | nigi     |               |           |                |           |          |          |          |          |
|          | 0          |          | \$       |          | ł            |          |           |                 |          |          |       |          | 0        |              |                 | 1        |               |         |                |          |           | 7          | _             | 0        |               |           |                |           |          |          |          |          |
| $\vdash$ | 1          | ÷        | T        | T        | ╁            | +        | $\dagger$ | $\vdash$        | $\vdash$ | -        |       |          | 51       |              | $\vdash$        | $\neg$   | +             | +       | +              | _        | ┪         | ı, ŀ       |               | 101      | +             | +         | ╁              | H         | H        |          | $\dashv$ | _        |
|          | 2          | 1        | +        | $\vdash$ | $t^-$        | +-       | +-        | ╁               | -        | $\vdash$ | 1.    |          | 52       | $\vdash$     | $\vdash$        | -        | +             | +-      | 1              | +        | 1         | 1          |               | 102      | -             | +-        | ╁              | ┢         | $\vdash$ | -        | $\dashv$ |          |
|          | 3          | Н        | ╁        | ╁        | <del> </del> | $\vdash$ | +-        | H               | <u> </u> |          |       |          | 53       | -            | $\vdash$        | $\dashv$ | -1-           | +       | +-             | $\dashv$ | $\dashv$  | 1          |               | 103      | +             | +         | 1              | -         | Н        | $\dashv$ | $\dashv$ |          |
|          | 4          | H        | +        | ╁╌       | ╁            | ╁        | +         | $\vdash$        | $\vdash$ | -        | 1     |          | 54       | $\vdash$     | $\vdash$        | -        | +             | ╁       | ╁              | -        | $\dashv$  | ŀ          |               | 104      |               | +         | +              |           | H        | -        | $\dashv$ |          |
| -        | 5          | H        | ╁        | ╫        | H            | ┢        | ╁         | +               | _        | _        |       |          | 55       | -            | $\vdash$        | -+-      | +             | +       | +-+            | +        | $\dashv$  |            |               | 105      | +             | +         | ╁              | -         | $\vdash$ | -        | $\dashv$ |          |
|          | 6          | H        | ╁        | ╁        | ╁            | ╁╾       | ╁         | $\vdash$        |          |          |       |          | 56       | $\vdash$     | -               | -+-      | +             | +       | +              | +        | ᅱ         | ì          |               | 106      | -             | ╫         | ╁              | ┢         | $\vdash$ | -        | +        | _        |
|          | 7          | Н        | +        | $\vdash$ | ├-           | +-       | ╁         | $\vdash$        | _        | _        |       |          | 57       |              | $\vdash$        | +        | +             | +       | +              | -        | ۲,        | - #        | -             | 107      | +-            | ┿         | +-             | -         | Н        |          | $\dashv$ | _        |
| <u> </u> | 8          | Н        | ╁        | ╁        | ├            | ╁╴       | ╁         | -               | -        |          | • X   |          | 58       | -            | $\vdash$        | +        | +             | +       | ╫              | +        | $\dashv$  | 1          | -             | 108      |               |           | ┼              |           | Н        |          | -        | _        |
| -        | 9          | ⊢        | ╁        | $\vdash$ | -            | ┼-       | +-        | $\vdash$        | -        | -        |       |          | 59       | ╁            | ┝╼┼             |          | +             | ╁       | ╂╼╾╂           | -        | ᅱ         | - 11       |               | 109      |               |           | ╁              | ⊢         | Н        | $\dashv$ |          | _        |
| $\vdash$ | 10         | Н        | ╁╌       | ╁        | $\vdash$     | ╁        | ╁         | $\vdash$        |          |          |       |          | 60       | $\vdash$     | -               | -        | +             | +       | ╁              | -        | ᅥ         | :}         |               | 140      |               | +         | ₩              | -         | Н        |          | $\dashv$ |          |
|          | 11         | ₩        | ╌        | ╁        | ├            | ┝        | ⊢         | $\vdash$        | _        |          |       |          | 64       | <del> </del> | $\vdash$        |          | +             | +       | ╁              | +        | -1        | 1          |               | 110      | -             | -         | -              | $\vdash$  | -1       |          | -        | _        |
| -        |            | ¥        | -        | 1        | -            | +        | $\vdash$  | $\vdash$        | -        | -        |       |          | 61       | $\vdash$     | $\vdash$        | +        | +             | +       | ╄              | -        | 4         | ŀ          |               | 111      |               | +         | 1-             | -         |          | _        | 4        | _        |
|          | 12         | <u> </u> | +-       | ├-       | -            | $\vdash$ | ╀         | $\vdash \vdash$ | _        |          |       |          | 62       | $\vdash$     | $\vdash \vdash$ | -        | +             | +       | 4              | 4        | $\dashv$  |            |               | 112      |               | _         | 1-             | <u> </u>  | Ш        | _        | _ļ       | _        |
|          | 13         | $\vdash$ | -        | +-       | <del> </del> | -        | ├-        | $\vdash$        | $\vdash$ |          |       |          | 63       | <u> </u>     | $\vdash \vdash$ | _        | +             | +       |                | 4        | 4         | ` . -      |               | 113      |               | _         | -              | $\vdash$  | $\sqcup$ | $\dashv$ | 4        | $\dashv$ |
| <u> </u> | 14         | <u> </u> | 1        | $\vdash$ | $\vdash$     |          |           | $\vdash$        | -        |          |       |          | 64       | $\vdash$     | $\sqcup$        | +        | +             | +       | ┯              | $\dashv$ | _         |            |               | 114      | _             | $\bot$    | 1              | _         | $\sqcup$ |          |          |          |
| -        | 15         | <u> </u> | ├-       | -        | <del> </del> | -        | ├         | $\vdash$        | _        | _        |       |          | 65       |              | $\sqcup$        | -        | $\bot$        | $\perp$ | $\sqcup$       |          | 4         | ŀ          |               | 115      | _ _           | 4_        | 1              | <u> </u>  |          | _        | _        | _        |
| -        | 16         | _        | ⊢        | ⊨        | ├            | ├        | ₩         | $\vdash$        |          |          | , y   |          | 66       | $\vdash$     | $\sqcup$        | -        | +             | -       |                | 4        | 4         |            |               | 116      |               |           | 1              | $\square$ |          | _        | _        | _        |
| ļ        | 17         | <u> </u> | ⊬        | -        | _            | ┡        | -         |                 | -        |          | -     |          | 67       |              | _               | $\dashv$ | -             | $\bot$  | $\sqcup$       | $\perp$  | 4:        | -          |               | 117      |               | 4_        | <u> </u>       | Щ         |          | _        | _        | _        |
|          | 18         | <u> </u> | ┝        | <u> </u> | <u> </u>     | ├        | -         | Ш               |          |          | ٠,    |          | 68       | _            | $\perp$         | _        |               | $\perp$ | $\sqcup$       | _        | _         | :          |               | 118      |               | 1         | ╙              |           |          | _        | _        | _        |
| <u> </u> | 19         | <u> </u> | ļ        | _        | _            | ļ        | 1         | -               |          |          |       |          | 69       | Ш            |                 | _        | 4             | 4_      | $\bot \bot$    | 4        | _         |            |               | 119      | _ .           |           | <u> </u>       | Щ         |          | _        | _        | _        |
|          | 20         | <u> </u> | ╙        | <u> </u> | _            | <u> </u> | <u> </u>  | Ш               |          |          |       |          | 70       |              |                 |          |               | _       | 11             |          | _         |            |               | 120      |               | 丄         |                |           |          |          | 丄        |          |
| <u> </u> | 21         | _        | ╙        |          | _            | <u> </u> | _         |                 | _        |          |       |          | 71       |              |                 | L        | ╧             | $\perp$ | Ш              |          | ┙         | 7          |               | 121      |               |           |                |           |          |          |          |          |
|          | 22         | L_       | _        | _        | <u> </u>     | _        |           |                 |          |          |       |          | 72       | Ш            | $\Box$          |          | $\perp$       | $\perp$ | $\sqcup$       |          | _         |            |               | 122      |               |           |                |           |          |          |          |          |
| <u> </u> | 23         |          | L        |          |              |          |           |                 |          |          |       |          | 73       | Ш            |                 |          |               |         |                |          | ╝         |            |               | 123      |               |           |                |           |          |          |          |          |
|          | 24         | _        | <u> </u> |          |              | <u> </u> | $\perp$   | Ш               | _        |          |       |          | 74       |              |                 |          |               | _       | $oxed{oxed}$   |          | ┚         |            |               | 124      |               |           |                |           |          |          |          |          |
|          | 25         |          | L        | L        |              |          |           | Ш               |          |          |       |          | 75       |              |                 |          |               |         |                |          |           | - !        |               | 125      |               |           |                |           |          | $\Box$   | $\Box$   |          |
|          | 26         |          |          |          |              | L        |           | Ш               |          |          |       |          | 76       |              |                 |          |               |         |                |          | _]:       | ::,[       |               | 126      |               |           |                |           |          |          | П        |          |
|          | 27         |          | _        |          |              | <u> </u> |           |                 |          |          | ķ., . |          | 77       |              |                 |          |               |         |                |          |           | : '[       |               | 127      |               |           |                |           |          |          | $\neg$   |          |
|          | 28         |          |          |          |              |          |           |                 |          |          | - [   |          | 78       |              |                 |          | Т             | Γ       | П              |          | 7         |            |               | 128      |               | 1         |                | $\Box$    |          |          | 丁        | ヿ        |
|          | 29         |          |          |          |              |          |           |                 |          |          |       |          | 79       |              |                 |          |               |         | $\sqcap$       |          | 7         | . [        |               | 129      |               |           |                |           |          |          | 寸        | ヿ        |
|          | 30         |          |          |          |              |          |           |                 |          |          | -[    |          | 80       |              |                 | Т        |               | Ī       |                |          |           | Ī          |               | 130      | $\top$        | 1         |                |           |          | $\neg$   | 寸        | ᅱ        |
|          | 31         |          |          |          |              | Ĺ        |           |                 |          |          | [     |          | 81       |              |                 |          |               |         | П              |          | ╗         | Ī          |               | 131      |               | 1         |                |           | $\Box$   | 寸        | $\neg$   | П        |
|          | 32         |          |          |          |              |          |           |                 |          |          | . [   |          | 82       |              |                 |          |               | Т       |                |          |           |            |               | 132      | $\neg \vdash$ | 1         |                |           |          | ヿ        | 寸        | $\dashv$ |
|          | 33         |          |          |          |              |          |           |                 |          |          |       |          | 83       |              |                 |          | T             | T       |                |          | 7         |            |               | 133      |               | 1         |                | $\Box$    |          | 1        | $\neg$   | ᅱ        |
|          | 34         |          |          |          |              |          |           |                 |          |          | ٠.    |          | 84       |              |                 |          | T             | Τ       | $\sqcap$       |          | 7         |            | $\neg$        | 134      |               | 1         |                |           |          | $\dashv$ | $\dashv$ | ⊣        |
|          | 35         |          |          |          |              |          |           |                 |          |          |       |          | 85       |              | П               | 丁        |               |         | П              | $\top$   | $\exists$ | <i>-</i> [ |               | 135      |               | 1         | $\vdash$       |           |          |          | 十        | $\dashv$ |
|          | 36         |          |          |          |              |          |           | П               |          | $\neg$   |       |          | 86       | $\Box$       |                 | $\top$   | $\neg \vdash$ | 1       | $\sqcap$       | 十        | ٦         | ı          |               | 136      | $\neg$        | 1         |                |           | -        | 7        | 十        | $\dashv$ |
|          | 37         |          |          |          |              |          |           | П               | T        |          | .     |          | 87       | $\Box$       | $\neg$          | $\dashv$ | $\top$        | 1       | T              |          | $\dashv$  | -          |               | 137      | +             | $\top$    | $\vdash$       | $\dashv$  | -        | +        | $\dashv$ | $\dashv$ |
|          | 38         |          |          | П        |              |          |           | П               | _        |          | ì     | $\neg$   | 88       | М            | $\neg$          | _        | $\dagger$     | T       | +              | $\dashv$ | $\dashv$  | . It       | $\neg$        | 138      | +             | +         | $\vdash$       | $\vdash$  | -        | $\dashv$ | 十        | ᅱ        |
|          | 39         |          |          | П        |              | Г        | П         | П               | $\neg$   | $\neg$   | Ì     |          | 89       | $\Box$       |                 | 十        | +-            | T       | 1-1            | 十        | 7         | ŀ          | $\rightarrow$ | 139      | _             | +         | $\vdash$       |           | $\dashv$ | 十        | 十        | 一        |
|          | 40         |          |          | П        |              |          | П         |                 | 一        |          |       |          | 90       | $\vdash$     | $\neg$          | $\top$   | 1-            | 1       | 1-1            | $\dashv$ | 7         |            |               | 140      | +             | +-        |                | $\vdash$  | $\dashv$ | -+       | 十        | $\dashv$ |
|          | 41         | -        |          | М        |              | _        |           | П               | 一        | $\dashv$ | .     |          | 91       | H            | $\dashv$        | _        | $\top$        | †       | $\vdash$       | +        | $\dashv$  | .          |               | 141      | $\dashv$      | +         | $\vdash$       | -         | $\dashv$ | $\dashv$ | +        | $\dashv$ |
|          | 42         |          |          | П        |              |          | П         | П               | $\neg$   | $\neg$   |       | $\neg$   | 92       | $\vdash$     | $\dashv$        | 7        | $\top$        | T       |                | $\dashv$ | ٦,        | -          | $\dashv$      | 142      | $\dashv$      | $\dagger$ |                | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |
|          | 43         |          |          | П        |              |          | $\Box$    | $\Box$          | 一        | $\neg$   |       |          | 93       | $\sqcap$     | $\dashv$        | $\dashv$ | $\dagger$     | T       | $\sqcap$       | +        | $\dashv$  | "          | -             | 143      | _             | †-        | Н              | $\dashv$  | $\dashv$ | -+       | $\dashv$ | $\dashv$ |
|          | 44         | _        | Г        | П        |              |          | $\Box$    |                 | _        | 一        | 10.0  |          | 94       |              | $\dashv$        | $\dashv$ | +             | +       | † †            | +        | ۲.        | ┟          | $\dashv$      | 144      | - -           | +         | $\vdash$       |           | $\dashv$ | $\dashv$ | +        | $\dashv$ |
|          | 45         |          |          | П        | -            |          | П         | $\Box$          | $\neg$   | 一        | * †   |          | 95       |              | +               | $\top$   | $\top$        | +       | $\vdash$       | _        | ┨         | H          |               | 145      | +             | +-        | $\vdash$       |           | $\dashv$ | -+       | +        | $\dashv$ |
|          | 46         |          |          | $\Box$   |              |          | М         | $\vdash$        | 7        | 一        | , t   |          | 96       | H            | $\dashv$        | +        | +             | T       | $\vdash$       | $\dashv$ | 1         |            | $\dashv$      | 146      | +             | +-        | Н              |           | $\dashv$ | $\dashv$ | +        | $\dashv$ |
|          | 47         |          |          | $\Box$   |              |          | П         | $\dashv$        |          | $\dashv$ | , t   |          | 97       | Н            | $\dashv$        | +        | +             | +       | +              | +        | ۲.        | - -        |               | 147      | +             | +         | Н              | $\dashv$  | +        | $\dashv$ | +        | $\dashv$ |
|          | 48         | _        | $\vdash$ | $\Box$   |              | $\vdash$ | Н         |                 | $\dashv$ | $\neg$   |       |          | 98       | $\vdash$     | $\dashv$        | +        | +             | +       | 1              | +        | 1         |            | +             | 148      | +             | +         | <del>ا ا</del> | $\dashv$  | $\dashv$ | $\dashv$ | +        | $\dashv$ |
|          | 49         |          | <u> </u> |          |              | Г        | Н         | $\dashv$        | $\dashv$ | $\neg$   | 1     | f        | 99       |              | +               | +        | +             | ┼─      | $\vdash$       | +        | -         | 1          |               | 149      | - -           | +         | H              | $\dashv$  | +        | -+       | +        | $\dashv$ |
|          | 50         |          |          | М        | $\neg$       |          | Н         | -               | 7        | $\dashv$ |       |          | 100      |              | $\dashv$        | +        | +             | ╁╌      | <del>   </del> | +        |           | 1          | -             | 150      | $\dashv$      | +-        | H              |           | +        | -        | $\dashv$ | $\dashv$ |
|          |            |          | _        |          |              |          | لبب       |                 |          |          | T.    |          | .50      |              |                 |          |               |         | ш              |          |           | L          | 1             | 100      |               | Щ         |                |           |          |          | 丄        |          |